

Z0, SF, ASPCT0, XPP, TRAT, XNP0, QQ, XXI
 8.0+10, 5.5D+10, 2.0, 0.9, 1.0, 0.6, 8.0, 1.2
 V0, VPRTB, DT0, DTM, TMAX, ZMAX, CDA, GAMMA
 0.0, 0.0, 1.0, 2.0, 8000.0, 16000.0, 1.0, 1.17
 BS0, BSFAC, DAR0, IAR, ZSCL1, ZSCL2, ZPKF, IBSPROF, TFAC, IGRV
 -0.06, 1.0, 0.2, 1, 1.0, 1.5, 1.5, 3, 0.85, 1
 CMAX, FTCRNT, FPCRNT, FBTA, NPRNT, IDATA, TMP, TPRM
 2.1, 1.0, 1.0, 1.0, 1, 1, 2.0D+06, 1.0D+04
 NPLT, DRGFACT, ZSW1S, ZSW2S, VFMMAG, ICONT, ISC, fprm, Cprm
 2, 3.0, 7.0, 15.0, 2.49, 0, 1, 0.0, 0.15
 DP0, PHIA, TC1, TC2, TC3, TSCL1, TSCL2 [(TC2-TC1) >> TSCL1]
 0.351, 1.79, 87.1, 400.3, 405.3, 47.9, 85.3
 UPFmax, Fdens, TF1, TF2, TF3, TFmax, FSCL1, FSCL2
 0.0, 0.0e09, 1.25, 1.5, 1.5, 2.25, 0.25, 0.25
 TPRM0, TPRMSCL, TSHW1, TSHW2, TSHW3, FMULT1, FMULT2 FMULT3
 90.0, 150.0, 200.0, 3000.0, 15000.0, 100.0, 0.1d+05, 2.0d+05

XPP=Pin/Pout

TRAT=Tin/Tout

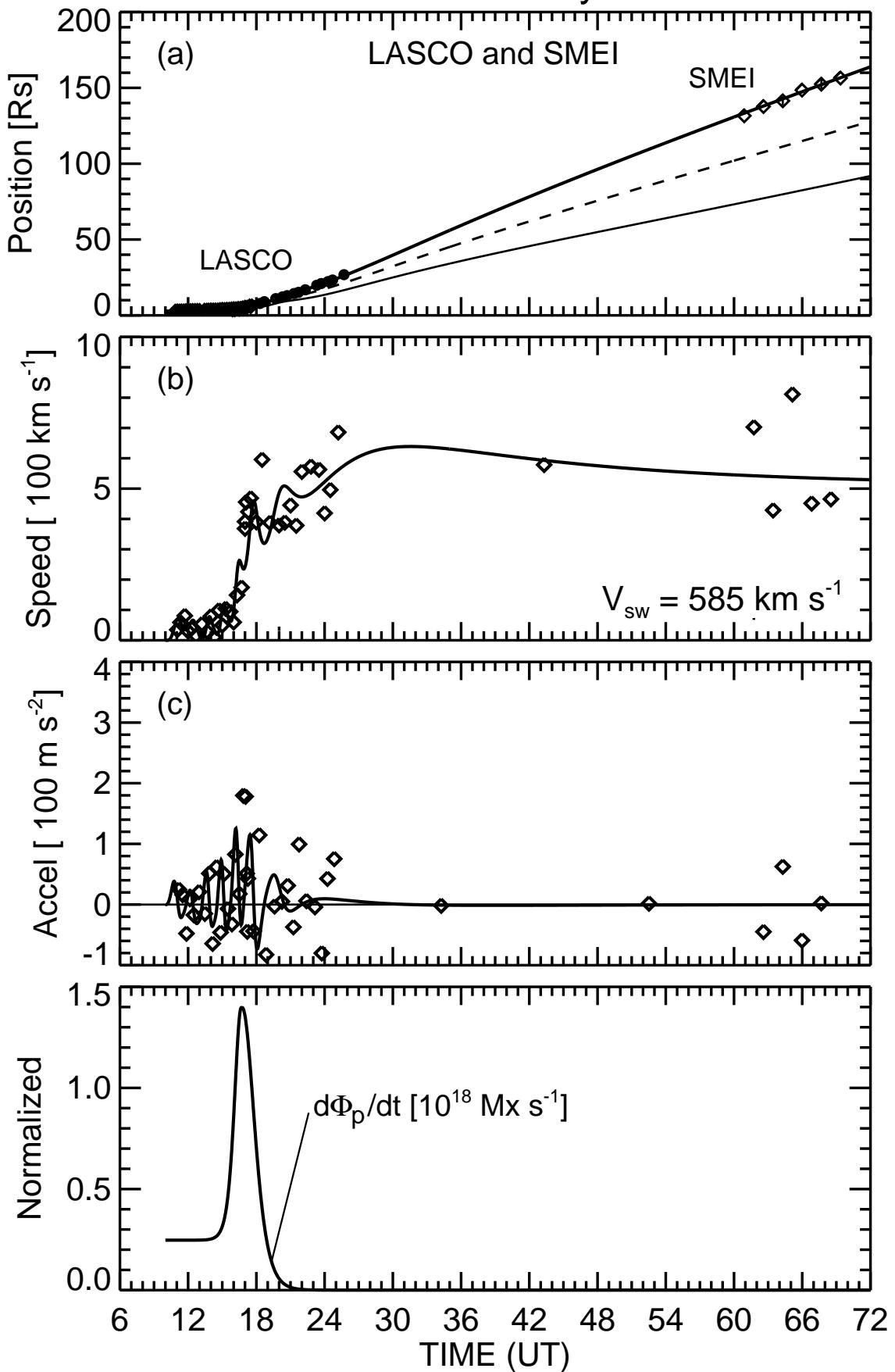
XNN=Nout/Nin

2^*S_0 =footpoint separation. $Z_0=S_0^*DFT$. ($DFT < 1 \rightarrow$ flatter than semi-circle)

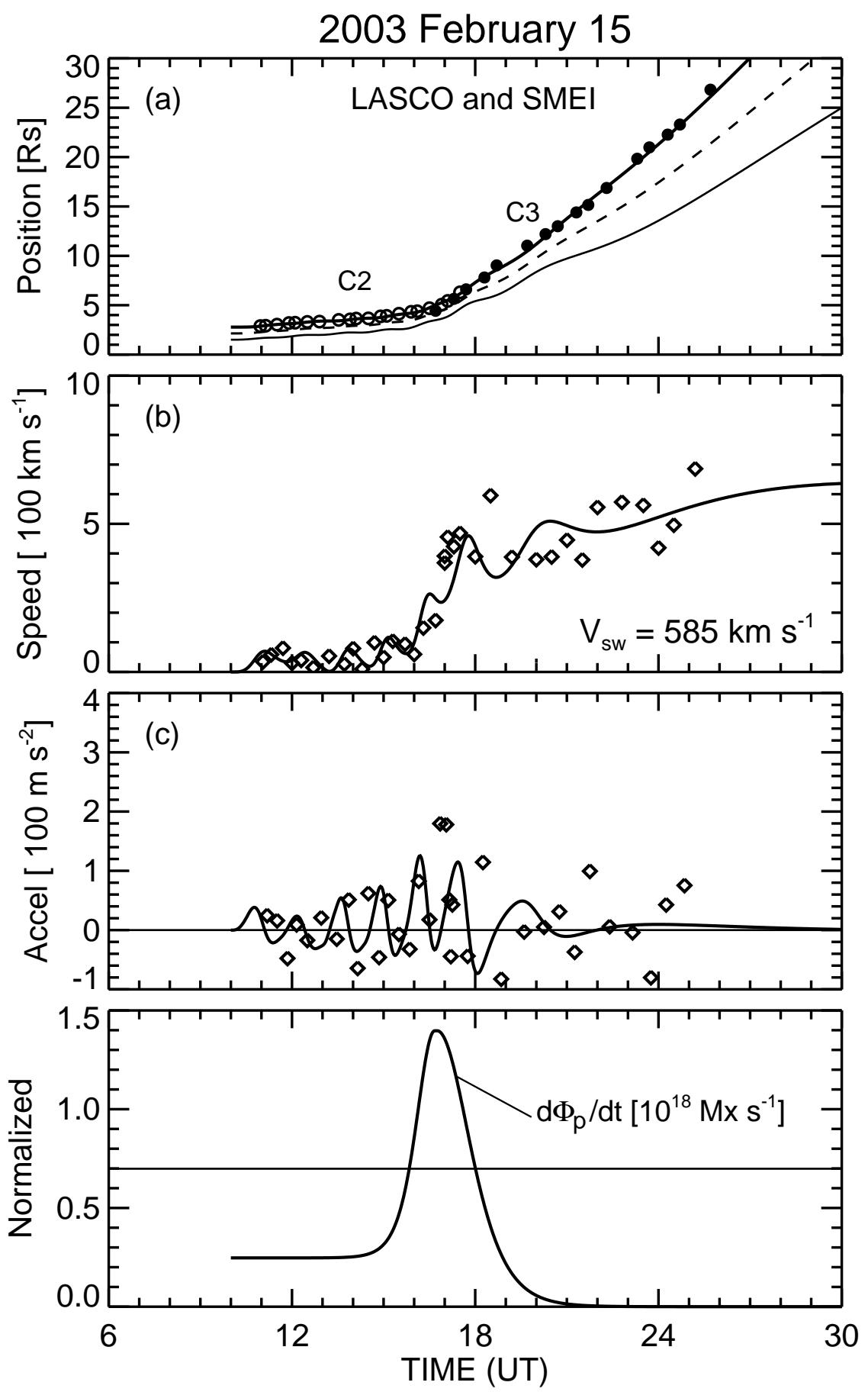
gfit = 0.57
 tshft = 10.000 min
 err1 = 0.02% err2 = 0.02% err3 = 0.02%
 phi = 100.0 deg theta = 10.0 deg

pltc1.ps.002+11R

2003 February 15



Sf = 5.5e+05 Z0 = 9.5e+04 D = 0.57 tshft = 10.00 pltc1.ps.002+11R

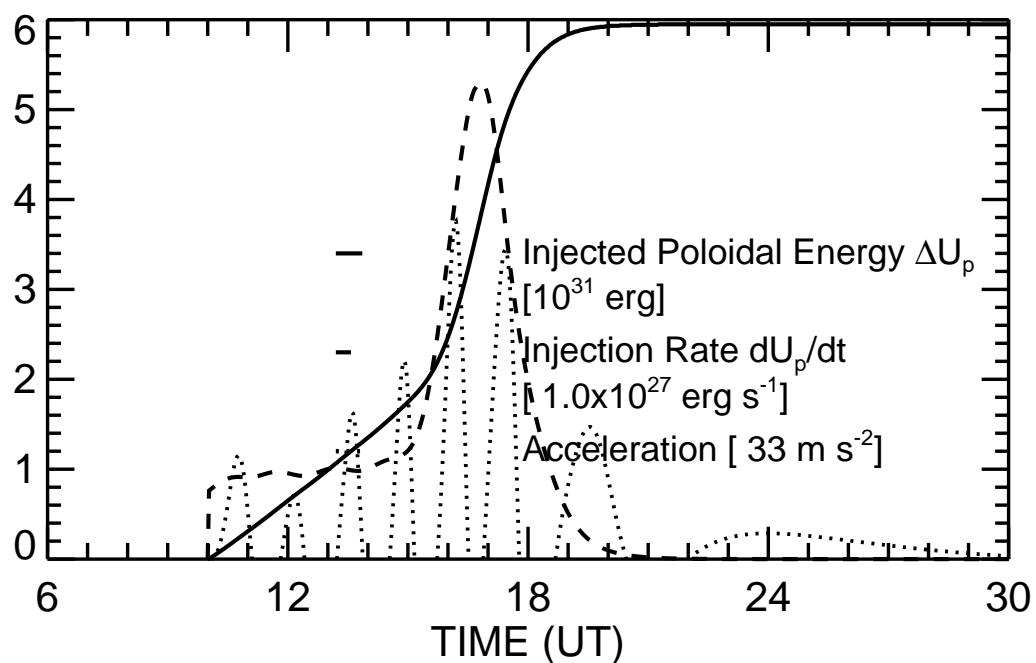


D = 0.57 tshft = 10.000

Sf = 5.5e+05 Z0 = 9.5e+04 R0 = 4.5e+05 a0 = 2.2e+05

Cd = 3.0 err1 = 0.02 Bp = 0.27 G Bt = 0.32 G

pltc1.ps.002+11R



$D = 0.57$ $C_d = 3.0$ $tshft = 10.000$

$B_{p0} = 0.27 \text{ G}$ $B_{t0} = 0.32 \text{ G}$ $\tau_R = 65.8 \text{ min}$ $V_A = 1.13e+07 \text{ km/s}$

$\Phi_{p0} = 1.85e+21 \text{ Mx}$ $\Phi_{t0} = 4.96e+20 \text{ Mx}$ $(\Delta\Phi_p) = 1.7x10^{22} \text{ Mx}$

$(dU_p/dt) = 5.3x10^{27} \text{ erg s}^{-1}$ Total mass (initial) = $1.59e+16 \text{ g}$

$(\Delta U_p)_{\text{tot}} = 5.9x10^{31} \text{ erg}$ $U_{p0} = 2.8x10^{30} \text{ erg}$

$(d\Phi_p/dt)_{\text{max}} = 1.4x10^{18} \text{ Mx/sec}$ $(d\Phi_p/dt)_0 = 2.47e+17 \text{ Mx/s}$

Max Accel = 125.3 m s^{-2}

$V_{sw} = 585 \text{ km/s}$ EField_max = EFM_max / Sf = 0.25 V cm^{-1}

